

**In the Abstract**

Please insert the following abstract into the application:

A system is disclosed for powering a motor vehicle using a heat engine and an electric machine. The vehicle includes a supercapacitor which stores unused energy from the heat engine. When the vehicle speed stabilizes, energy is stored in the supercapacitor. The heat engine is shut down and the energy from the supercapacitor is then used to power the electric machine which supplies power to the wheels.